

**REMARKS**

Claims 1-4 are currently pending in the application. Claims 5, 12, and 13 are cancelled without prejudice. Applicant preserves its right to pursue these and other cancelled claims in this or a related application.

The title of the invention has been amended, as suggested by the Examiner, to recite that the invention relates to crystals. Support for the amendment can be found in the abstract as originally filed and at page 4, lines 22-24.

The abstract of the invention has been amended, as suggested by the Examiner, to replace the phrase “30S ribosome” with “30S ribosomal subunit”. Support for the amendment can be found at page 3, lines 1-4.

Claim 1 has been amended to recite that the crystals are from *Thermus thermophilus* and are defined by the co-ordinates of a table selected from the group of tables 1 to 4. Support for the amendments can be found in the abstract, page 4, lines 22-24, and original claim 14.

Claims 2-4 have been amended to depend from claim 1.

No new matter is added by the amendments.

**Objection to the Specification**

The Examiner has objected to the specification stating that the “title is not descriptive” and the abstract does not “completely describe[ing] the disclosed subject matter”. Applicant respectfully submits that in view of the amendments to the title and abstract that the objection has been overcome.

**Rejections Under 35 U.S.C. §112**

The Examiner has rejected claim 12 under 35 USC §112, second paragraph. Without conceding to the merits of the rejection, Applicant has cancelled claim 12 without prejudice, rendering the rejection moot.

The Examiner has rejected claims 1-4, 12, and 13 under 35 USC §112, first paragraph. The Examiner has also maintained the enablement rejection with respect to these same claims. Without conceding to the merits of the rejections, Applicant has cancelled claims 12, and 13 without prejudice, rendering the rejections moot with respect to these claims. Regarding claim 1 and dependent claims 2-4, Applicant respectfully traverses the rejections. The basic gist of the Examiner's rejections seems to be that the claims refer to a crystal from any prokaryote and also that the crystals are of broad scope. Applicant submits that in view of the amendment to claim 1 to recite that the crystals are from *Thermus thermophilus* and are also defined by the co-ordinates of tables 1 to 4, that the rejections have been overcome.

**Conclusion**

Applicant respectfully requests allowance of claims 1-4. Should any questions or issues arise concerning the application, the Examiner is encouraged to contact the undersigned at the telephone number provided below.

Respectfully submitted,



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